

VISTA MIDDLE SCHOOL RGO REPORT 2006

Brian Lesby, a NASA intern at NMSU came to Vista to help with presentations. The presentations were given to the 6th and 7th graders. They were shown the flyer and the physics of it were explained to them.

We presented our experiment at the Space Settlement design competition for students and chaperones of NM to observe while they awaited the results of the competition.

We also presented it at a workshop for a group of DLN teachers, which took place at NMSU. These teachers represented the Las Cruces Public Schools and El Paso Independent School Districts.

The experiment was presented at the Science Educators Alliance Science Advisors banquet.

The experiment was also demonstrated to engineering students at Mayfield High School.

We showed the experiment on Vista TV.

Students and their experiment were showcased on the local news right before flight week.

Six teachers and approximately 15 students meet for four weeks and constructed ionization airfoils.

Other NES activities that happened and are in place at Vista Middle School:

- Posters are distributed and talked about in classrooms.
- Mercury, Jupiter, Saturn and Mars have been discussed.
- ISS flyby's have been observed and recorded.
- Space weather is used and talked about in class.
- Seventh grade science launches and recorded data from five different rockets- including a biology experiment.
- Mars projects on living on mars and getting too and from.
- Keplering orbits are discussed and no easy way to calculate them has been found at this time. An e-mail dialog with NASA scientists is helping.
- NES activities were reported at conferences at KSC and JSC during a NEAT conference.
- Mike Hallock (NASA contact) is always extremely helpful in anything we asked to promote this program.
- Land was purchased from private funds on the Moon to establish a Vista Middle School-Lunar Campus.
- Pleddie Baker (education person) was and is a great resource for anything we need.